Foreword and Editorial

International Journal of Image and Signal Systems Engineering (IJISSE)

We are very happy to publish this issue of an International Journal of Image and Signal Systems Engineering by Global Vision Press.

This issue contains 2 articles. Achieving such a high quality of papers would have been impossible without the huge work that was undertaken by the Editorial Board members and External Reviewers. We take this opportunity to thank them for their great support and cooperation.

The paper entitled "3D Point Cloud Reconstruction Using Structure from Motion with Sequence Images in Hadoop", reconstructing a 3D structure from 2D images is a hot research topic in computer vision, and many approaches have been proposed to solve this problem in recent years. The structure from motion (SfM) algorithm has the potential to successfully reconstruct geometry from an image set, but the execution of the SfM algorithm on a single computer is only possible with small image sets. In this paper, researches propose an algorithm for realizing 3D reconstruction from sequence images on the Hadoop cluster. Our test results reveal that we can achieve fast 3D reconstruction using Hadoop.

In the paper "Problems in Digital Image Processing: A Survey", this paper depicts the fundamental mechanical parts of Digital Image Processing with different reference to satellite picture preparing. Fundamentally, all satellite picture handling. The previous manages beginning preparing crude picture information to remedy for geometric mutilation, to align the information radiometrically and to take out clamour show in the information. The improvement methods are connected to picture information keeping in mind the end goal to adequately show the information for resulting visual understanding. It includes methods for expanding the visual qualification between highlights in a scene. The goal of the data extraction activities is to supplant visual investigation of the picture information with quantitative strategies for mechanising the recognisable proof of highlights in a scene. This includes the examination of multispectral picture information and the use of measurable based choice guidelines for deciding the land cover character of every pixel in a picture. In this survey paper, an examination of their issues and also their calculation will be exhibited.

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